## IN THE DRAWINGS

As required by the Examiner, Figures 2A, 5, and 11 have been corrected in the marked-up version thereof attached to the Request For Approval of Drawing Changes filed herewith. A comparison, for example, of Figures 2A and 2B shows that the square now surrounding R and G1 depicts the inner border of the region 13, and the space between that square and the R and G1 portions is the element 14. Figure 11 has been marked-up to designate it as "Prior Art"

Also, Figure 7B has been amended to show the doped region 13 as "p" to bring that depiction into conformance with the other drawings.

## IN THE CLAIMS

All of the pending claims are set forth here, regardless of whether they have been amended. For convenience, attached hereto is a marked-up copy of the amended claims indicating the changes made thereto.

Please cancel Claims 13-15,23-25, and 29. Please amend Claims 1, 11 and 21 as follows:

1. (Amended) A solid-state imaging device having a first color picture cell array which contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, and a second color picture cell array which contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, placed in juxtaposition, on a substrate, wherein said substrate is formed from a material having a first

conductivity type and is provided with a common well formed from a material of conductivity type opposite to the substrate, said common well being common to the first color picture cell array and the second color picture cell array and having a doped region therein of the same conductivity type as said common well.

- 2. The solid-state imaging device according to claim 1, wherein a well-wiring and a well-contact are provided between the first color picture cell array and the second color picture cell array.
- 3. The solid-state imaging device according to claim 1, wherein an element isolation region is provided between the first color picture cell array and the second color picture cell array.
- 4. The solid-state imaging device according to claim 1, wherein a light-intercepting member is provided between the first color picture cell array and the second color picture cell array.
- 5. The solid-state imaging device according to claim 1, wherein the photo-electric converting element is a photodiode, the picture cell has plural transistors of an insulating gate type, the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and each first conductivity type well for the plural insulating gate type transistors.

- 6. The solid-state imaging device according to claim 1, wherein the photo-electric converting element is a photodiode, and the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and a well for formation of a charge transfer channel of CCD.
- 7. The solid-state imaging device according to claim 1, wherein a third color picture cell array is additionally provided so as to have said common well which array contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally.
- 8. The solid-state imaging device according to claim 1, wherein the color picture cell arrays have respective common color filters on the photo-electric converting elements.
- 9. The solid-state imaging device according to claim 8, wherein the common color filter is a color filter of red, green, or blue.
- 10. The solid-state imaging device according to claim 1, which has a terminal for connection with a power source for supplying a voltage for generating a reference voltage for the common well from an outside of the solid-state imaging device.

- cell array which contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, and a second color picture cell array which contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, placed in juxtaposition on a substrate, wherein said solid-state imaging device has between the first color picture cell array and the second color picture cell array a well-contact and a well-wiring for applying a reference voltage to a common well common to the first color picture cell array and the second color picture cell array, and wherein said substrate is formed from a material having a first conductivity type and has said common well formed therein from a material having the opposite conductivity type to said substrate, said common well having a doped region therein of the same conductivity as the common well.
- 12. The solid-state imaging device according to claim 11, wherein the well-wiring is formed from a light-intercepting material to intercept the incident light upon the common well region between the first color picture cell array and the second color picture cell array.
- 16. The solid-state imaging device according to claim 11, wherein a plurality of the well-contacts are formed between the first color picture cell array and the second color picture cell array.

17. The solid-state imaging device according to claim 11, wherein the photo-electric converting element is a photodiode, the picture cell has plural transistors of an insulating gate type, the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and each first conductivity type well for the plural insulating gate type transistors.

- 18. The solid-state imaging device according to claim 11, wherein the photo-electric converting element is a photodiode, and the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and a well for formation of a charge transfer channel of CCD.
- 19. The solid-state imaging device according to claim 11, wherein a third color picture cell array is additionally provided which array contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally.
- 20. The solid-state imaging device according to claim 11, wherein the color picture cell arrays have respective common color filters on the photo-electric converting elements.
- 21. (Amended) A solid-state imaging device having a first color picture cell array which contains picture cells having a photo-electric converting element for

converting incident light to electric signals arranged two-dimensionally, a second and third picture cell arrays which respectively contain picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, and a fourth color picture cell array which contains picture cells having a photo-electric converting element for converting incident light to electric signals arranged two-dimensionally, placed in juxtaposition on a substrate,

wherein the first color picture cell array and the fourth color picture cell array are placed in a diagonal relation, and the second color picture cell array and the third color picture cell array are placed in another diagonal relation; and

said solid-state imaging device has between the first color picture cell array and the second color picture cell array a well-contact and a well-wiring for applying a reference voltage to a common well common to at least the first color picture cell array and the second color picture cell array, and wherein said substrate is formed from a material having a first conductivity type and has said common well formed therein from a material having the opposite conductivity type to said substrate, said common well having a doped region therein of the same conductivity as the common well.

22. The solid-state imaging device according to claim 21, wherein the well-wiring is formed from a light-intercepting material to intercept the incident light upon the common well region between the first color picture cell array and the second color picture cell array.

- 26. The solid-state imaging device according to claim 21, wherein a plurality of the well-contacts are formed between the first color picture cell array and the second color picture cell array.
- 27. The solid-state imaging device according to claim 21, wherein the photo-electric converting element is a photodiode, the picture cell has plural transistors of an insulating gate type, the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and each first conductivity type well for the plural insulating gate type transistors.
- 28. The solid-state imaging device according to claim 21, wherein the photo-electric converting element is a photodiode, and the common well provides a first conductivity type semiconductor region for an anode or a cathode of the photodiode, and a well for formation of a charge transfer channel of CCD.
- 30. The solid-state imaging device according to claim 21, wherein the color picture cell arrays have respective common color filters on the photo-electric converting elements.
- 31. The solid state imaging device according to claim 21, wherein said solid-state imaging device has between the third color picture cell array and the fourth color picture cell array a well-contact and a well-wiring for applying a reference voltage to

a common well common to at least the third color picture cell array and the fourth color picture cell array.

- 32. The solid-state imaging device according to claim 21, wherein the common well is common to all of the first to fourth picture cell arrays.
- 33. The solid-state imaging device according to claim 21, wherein the well-contact and the well-wiring for applying the reference voltage to the common well are not formed between the first color picture cell array and the third color picture cell array.
- 34. The solid-state imaging device according to claim 21, wherein the first color picture cell array has a color filter of one color of red and blue, the second and the third color picture cell arrays have green filters respectively, and the fourth color picture cell array has a color filter of the other color of red and blue.
- 35. An imaging device for imaging an object, comprising a solid-state imaging device set forth in claim 1, and a power source for supplying a voltage for generating a reference voltage for the well-wiring of the solid-state imaging device from an outside of the solid-state imaging device.

36. An imaging device for imaging an object, comprising a solid-state imaging device set forth, in claim 1, and a focusing lens for focusing an image of an object on the color picture cell arrays.

An imaging device for imaging an object, comprising a solid-state imaging device set fouth in claim 11, and a power source for supplying a voltage for generating a reference voltage for the well wiring of the solid-state imaging device from an outside of the solid-state imaging device.

- 38. An imaging device for imaging an object, comprising a solid-state imaging device set forth in claim 11, and a focusing lens for focusing an image of an object on the color picture cell arrays.
- 39. An imaging device for imaging an object, comprising a solid-state imaging device set forth in claim 21, and a power source for supplying a voltage for generating a reference voltage for the well wiring of the solid-state imaging device from an outside of the solid-state imaging device.
- 40. An imaging device for imaging an object, comprising a solid-state imaging device set forth in claim 21, and a focusing lens for focusing an image of an object on the color picture cell arrays.